AMENDMENTS TO THE CLAIMS

1-12. **(Canceled)**

13. **(Currently amended)** A method for selectively protecting non-transformed biological cells over transformed biological cells ~~material~~ from cell damage induced by cell-damaging factors, comprising:

providing said biological material;~~,~~ and

contacting said biological material with phosphotyrosine, said contacting taking place before, during or after exposure to said cell-damaging factors, said cell-damaging factors being selected from the group consisting of: radiation, ultraviolet light, and chemicals, wherein said non-transformed biological cells are selectively protected from cell damage as compared to said transformed biological cells.

14. **(Original)** The method of Claim 13, wherein said radiation is ionizing radiation, and wherein said chemicals are cytostatic agents.

15. **(Original)** The method of Claim 13, wherein said biological material is skin.

16. **(Original)** The method of Claim 13, wherein said biological material is a tumor patient subjected to a radiation therapy.

17. **(Original)** The method of Claim 13, wherein said biological material is a tumor patient subjected to a chemotherapy.

18-20. **(Canceled)**